



Customer Number

2006 FEB-27 03:20 PM 3M 5129842020

IPeW  
4/18

Patent  
Case No.: 59100US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: HARDCastle, DAVID S.

Application No.: 10/811437 Group Art Unit: 2883

Filed: March 26, 2004 Examiner: Kiamni, Kaveh C.

Title: SMALL FORM FACTOR OPTICAL CONNECTOR WITH THERMOPLASTIC  
ADHESIVE

**STATEMENT OF ADDED INVENTOR JANET A. KLING UNDER 37 C.F.R. § 1.48(a)(2)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]**

I hereby certify that this correspondence is being:

deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
 transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at 571-273-8300: 2883

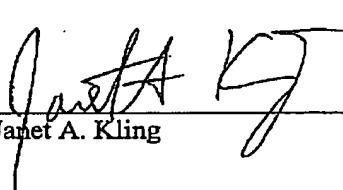
2-27-06

Signed by: Gregg H. Rosenthal

Dear Sir:

The accompanying Request and Fee to Amend Inventorship Under 37 C.F.R. § 1.48(a) names me as an added inventor. The error in naming inventorship in the above-referenced patent application occurred without deceptive intention on my part.

2/21/2006  
Date

By:   
Janet A. Kling

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833

02/28/2006 TBESHAW2 00000059 133723 10811437

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**DECLARATION AND POWER OF ATTORNEY  
FOR UTILITY OR DESIGN  
PATENT APPLICATION (37 CFR § 1.63)**

Declaration Submitted  Declaration Submitted after  
with Initial Filing Initial Filing (surcharge 37 CFR  
§ 1.16(e) required).

Case No.:	59100US002
First Named Inventor:	DAVID S. HARDCastle
<b>COMPLETE IF KNOWN</b>	
Application No.:	10/811437
Filing Date:	March 26, 2004
Art Unit:	2883
Examiner Name:	Klanni, Kaveh C.

As a below named inventor, I hereby declare that my residence, mailing address, and citizenship are as stated below next to my name, and that I believe I am an original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SMALL FORM FACTOR OPTICAL CONNECTOR WITH THERMOPLASTIC ADHESIVE**

The specification of which

is attached hereto;

was filed on **March 26, 2004**  
As United States Application No.

**10/811437**

is identified as PCT International Application No.  
filed on

and was amended on (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 USC §§ 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application No.	Country	Foreign Filing Date (MM/DD/YYYY)	Priority NOT Claimed	Certified Copy Attached	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby appoint Practitioners at Customer Number 32692 as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

**Customer Number for  
Practitioner of Record:**

**32692**

I also appoint the following Practitioners as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: None



2006-Febr 27 03:21 PM

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6/18

FFR 27.2006

mailing address and the telephone number of the above-identified attorneys and/or agents are that of Customer No. 32692.

Inquiries regarding this application can be made to:

Attention: Gregg H. Rosenblatt  
Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Telephone No.: (512) 984-7443

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): DAVID S.		Family Name or Surname: HARDCASTLE
Inventor's Signature: 		Date: 2/4/06
Residence: Liberty Hill, Texas	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): ERIC M.		Family Name or Surname: MORGAN
Inventor's Signature:		Date:
Residence: Apex, North Carolina	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): EDWARD B.		Family Name or Surname: LURIE
Inventor's Signature:		Date:
Residence: Round Rock, Texas	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

<b>NAME OF JOINT INVENTOR, IF ANY:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): JANET A.		Family Name or Surname: KLING
Inventor's Signature:		Date:
Residence: Manor, Texas	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		



**DECLARATION AND POWER OF ATTORNEY,  
FOR UTILITY OR DESIGN  
PATENT APPLICATION (37 CFR § 1.63 )**

Declaration Submitted  Declaration Submitted after  
with Initial Filing Initial Filing (surcharge 37 CFR  
§ 1.16(e) required)

Case No.:	59100US002
First Named Inventor:	DAVID S. HARDCastle
<b>COMPLETE IF KNOWN</b>	
Application No.:	10/811437
Filing Date:	March 26, 2004
Art Unit:	2883
Examiner Name:	Kianni, Kaveh C.

As a below named inventor, I hereby declare that my residence, mailing address, and citizenship are as stated below next to my name, and that I believe I am an original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SMALL FORM FACTOR OPTICAL CONNECTOR WITH THERMOPLASTIC ADHESIVE**

The specification of which

Is attached hereto;

was filed on **March 26, 2004**  
As United States Application No.

**10/811437**

Is identified as PCT International Application No.  
filed on

and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 USC §§ 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application No.	Country	Foreign Filing Date (MM/DD/YYYY)	Priority NOT Claimed	Certified Copy Attached	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby appoint Practitioners at Customer Number 32692 as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

**Customer Number for  
Practitioner of Record:** **32692**

I also appoint the following Practitioners as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: None

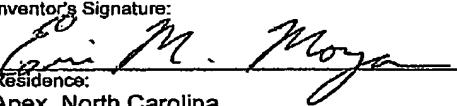
The mailing address and the telephone number of the above-identified attorneys and/or agents are that of Customer No. 32692.

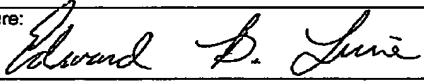
Inquiries regarding this application can be made to:

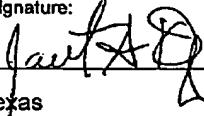
Attention: Gregg H. Rosenblatt  
Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Telephone No.: (512) 984-7443

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>NAME OF SOLE OR FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): DAVID S.		Family Name or Surname: HARDCASTLE
Inventor's Signature:		Date:
Residence: Liberty Hill, Texas	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

<b>NAME OF JOINT INVENTOR, IF ANY:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): ERIC M.		Family Name or Surname: MORGAN
Inventor's Signature: 		Date: 1/27/2006
Residence: Apex, North Carolina	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

<b>NAME OF JOINT INVENTOR, IF ANY:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): EDWARD B.		Family Name or Surname: LURIE
Inventor's Signature: 		Date: 2/24/06
Residence: Round Rock, Texas	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

<b>NAME OF JOINT INVENTOR, IF ANY:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle (if any)): JANET A.		Family Name or Surname: KLING
Inventor's Signature: 	Date: 2/21/2006	
Residence: Manor, Texas	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		



Patent  
Case No.: 59100US002

Customer Number

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: HARDCastle, DAVID S.

Application No.: 10/811437 Group Art Unit: 2883

Filed: March 26, 2004 Examiner: Kianni, Kaveh C.

Title: SMALL FORM FACTOR OPTICAL CONNECTOR WITH THERMOPLASTIC  
ADHESIVE

CONSENT OF ASSIGNEE TO CHANGE OF INVENTORSHIP UNDER 37 CFR § 1.48(a)(5)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(n)]	
I hereby certify that this correspondence is being:	
<input type="checkbox"/> deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
<input checked="" type="checkbox"/> transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) 872-9306, 571-273-2005	
2-27-06	 Signed by: Gregg H. Rosenblatt
Date	

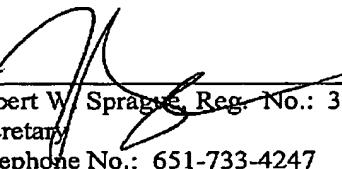
Dear Sir:

3M Innovative Properties Company, the assignee of the entire right, title, and interest in U.S. Patent Application No. 10/811437 hereby consents to the accompanying Request to Correct Inventorship Under 37 CFR § 1.48(a).

3M Innovative Properties Company

2-16-06  
Date

By:

  
 Robert W. Sprague, Reg. No.: 30,497  
 Secretary  
 Telephone No.: 651-733-4247

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833



32692

Customer Number

Patent  
Case No.: 59100US002

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: HARDCastle, DAVID S.  
 Application No.: 10/811437 Group Art Unit: 2883  
 Filed: March 26, 2004 Examiner: Kianni, Kaveh C.  
 Title: SMALL FORM FACTOR OPTICAL CONNECTOR WITH THERMOPLASTIC  
 ADHESIVE

STATEMENT UNDER 37 CFR § 3.73(b)

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]  
 I hereby certify that this correspondence is being:

deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
 transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at 571-273-8300, 2/27/06

Date

Signed by: Gregg H. Rosenblatt

Dear Sir:

The undersigned states that 3M Innovative Properties Company, a corporation organized and existing under the laws of the State of Delaware, United States of America, is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title, and interest. The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014927, Frame 0177, or for which a copy thereof is attached.

B.  A chain of title from the inventor(s) of the patent application/patent identified above, to the current assignee is shown below:

1.  From the inventors to 3M Company (formerly Minnesota Mining and Manufacturing Company). The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Application No.: 10/811437

Case No.: 59100US002

2.  From 3M Company (formerly Minnesota Mining and Manufacturing Company) to 3M Innovative Properties Company. The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Copies of the following documents are enclosed:

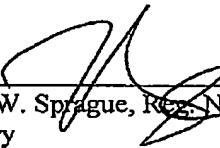
1.  Copies of assignments or other documents in the chain of title.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to the Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

3M Innovative Properties Company

2-16-06  
Date

By: 

Robert W. Sprague, Reg. No.: 30,497

Secretary

Telephone No.: 651-733-4257

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833

COPY

Case No.: 59100US002

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

**SMALL FORM FACTOR OPTICAL CONNECTOR WITH THERMOPLASTIC ADHESIVE**

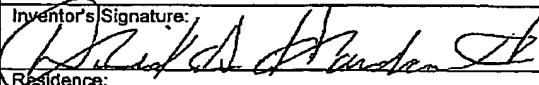
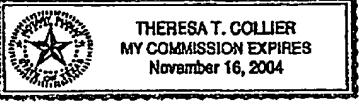
for which an application for a United States Patent is being filed contemporaneously herewith;  
 for which an application for a United States Patent identified as U.S. Patent Application No. 10/811437; was filed on March 26, 2004;  
 which application is identified as PCT International Patent Application No. filed ;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest thereto.

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): DAVID S.		Family Name or Surname: HARDCASTLE	
Inventor's Signature: 	Date: 7/23/04		
Residence: Liberty Hill, Texas	Country: USA	Citizenship: United States of America	
STATE OF TEXAS COUNTY OF TRAVIS	ss.		
On this 23 <sup>rd</sup> day of July, 2004, before me personally appeared the above-named DAVID S. HARDCASTLE, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)	 THERESA T. COLLIER MY COMMISSION EXPIRES November 16, 2004		 Notary Public

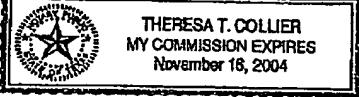
Assignment

Page 1 of 2

Case No.: 59100US002

## COPY

Given Name (first and middle [if any]): ERIC M.		Family Name or Surname: MORGAN	
Inventor's Signature: <i>Eric M. Morgan</i>	Date: 6/24/2004		
Residence: Apex, North Carolina	Country: USA	Citizenship: United States of America	
STATE OF NORTH CAROLINA } ss. COUNTY OF <u>Wake</u> } On this <u>24</u> day of <u>June</u> , <u>2004</u> , before me personally appeared the above-named ERIC M. MORGAN, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)	 <b>DENNIS L. GROSSMAN</b> NOTARY PUBLIC WAKE COUNTY, NORTH CAROLINA		
<i>Dennis L. Grossman</i> Notary Public			

Given Name (first and middle [if any]): EDWARD B.		Family Name or Surname: LURIE	
Inventor's Signature: <i>Edward B. Lurie</i>	Date: 7/18/04		
Residence: Round Rock, Texas	Country: USA	Citizenship: United States of America	
STATE OF TEXAS } ss. COUNTY OF TRAVIS } On this <u>8<sup>th</sup></u> day of <u>July</u> , <u>2004</u> , before me personally appeared the above-named EDWARD B. LURIE, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)	 <b>TERESA T. COLLIER</b> MY COMMISSION EXPIRES November 18, 2004		
<i>Theresa T. Collier</i> Notary Public			

## DUPLICATE

Case No.: 59100US002

RECORDATION FORM COVER SHEET  
PATENTS ONLY

To: The Director of the U.S. Patent and Trademark Office:

Please record the attached document(s) or the new address(es) below.

1. Name of conveying party(ies)	<u>Execution Date(s):</u>	2. Name and address of receiving party(ies):
Kling, Janet A.	February 21, 2006	3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427

Additional name(s) of conveying party(ies) attached?  
 Yes  No

Additional name(s) of receiving party(ies) attached?  
 Yes  No

3. Nature of conveyance:  
 Assignment  
 Security Agreement  
 Other:  Merger  
 Change of Name

4. Application or patent number(s)  This document is being filed together with a new application.

A. Patent Application No(s).

10/811437

B. Patent No(s).

Additional Numbers Attached?  Yes  No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Gregg H. Rosenblatt  
 Office of Intellectual Property Counsel  
 3M Innovative Properties Company  
 Phone Number: 512-984-7443  
 Fax Number: 651-736-3833

32692

Customer Number

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR §§ 1.21(h) & 3.41): \$40.00  
 Enclosed  
 Authorized to be charged to deposit account

## 8. Payment Information:

Deposit Account Number: 13-3723

Authorized User Name: Gregg H. Rosenblatt

## 9. Signature:

Printed Name of Attorney/Agent:  
 Gregg H. Rosenblatt  
 Registration No.: 45,056

Signature

Date

Pages: Total number of pages including COVER SHEET, attachments, and documents

**2**

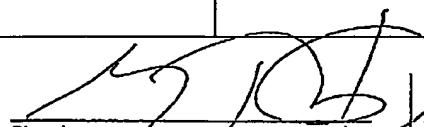
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Case No.: 59100US002

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

**To: The Director of the U.S. Patent and Trademark Office:**

Please record the attached document(s) or the new address(es) below.

<p><b>1. Name of conveying party(ies)</b></p> <p>Kling, Janet A.</p>	<p><b>Execution Date(s):</b></p> <p>February 21, 2006</p>	<p><b>2. Name and address of receiving party(ies):</b></p> <p>3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427</p>
<p>Additional name(s) of conveying party(ies) attached?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>Additional name(s) of receiving party(ies) attached?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p><b>3. Nature of conveyance:</b></p> <p> <input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement      <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other:     </p>		
<p><b>4. Application or patent number(s)</b></p> <p>10/811437</p>		<p><input type="checkbox"/> This document is being filed together with a new application.</p>
<p><b>A. Patent Application No(s).</b></p> <p>10/811437</p> <p><b>B. Patent No(s).</b></p> <p>Additional Numbers Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
<p><b>5. Name and address to whom correspondence concerning document should be mailed:</b></p> <p>Name: Gregg H. Rosenblatt Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: 612-984-7443 Fax Number: 651-736-3833</p> <p>32692 Customer Number</p>		<p><b>6. Total number of applications and patents involved:</b></p> <p>1</p>
<p><b>7. Total fee (37 CFR §§ 1.21(h) &amp; 3.41):</b> \$40.00</p> <p><input type="checkbox"/> Enclosed  <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p>		
<p><b>8. Payment Information:</b></p> <p>Deposit Account Number: 13-3723 Authorized User Name: Gregg H. Rosenblatt</p>		
<p><b>9. Signature:</b></p> <p>Printed Name of Attorney/Agent: Gregg H. Rosenblatt Registration No.: 45,056</p>		<p>Signature  Date 2-27-06</p>
<p><b>Pages:</b> Total number of pages including COVER SHEET, attachments, and documents</p>		<p>2</p>

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Case No.: 59100US002

**ASSIGNMENT OF APPLICATION**

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

**SMALL FORM FACTOR OPTICAL CONNECTOR WITH THERMOPLASTIC ADHESIVE**

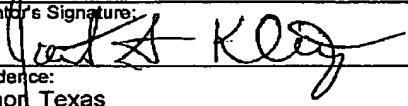
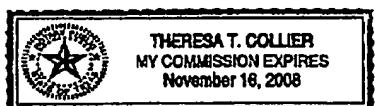
for which an application for a United States Patent is being filed contemporaneously herewith;  
 for which an application for a United States Patent identified as U.S. Patent Application No. 10/811437; was filed on March 26, 2004;  
 which application is identified as PCT International Patent Application No. filed ;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): JANET A.	Family Name or Surname: KLING	
Inventor's Signature: 	Date:  2/21/2006	
Residence: Manor, Texas	Country: USA	Citizenship: United States of America
STATE OF TEXAS } ss. COUNTY OF TRAVIS } ss.	On this 21 <sup>st</sup> day of February, 2006, before me personally appeared the above-named JANET A. KLING, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.	
(Seal) 	Theresa T. Collier Notary Public	



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2/18

Patent  
Case No.: 59100US002

Customer Number

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: HARDCASTLE, DAVID S.

Application No.: 10/811437 Group Art Unit: 2883

Filed: March 26, 2004 Examiner: Kianni, Kaveh C.

Title: SMALL FORM FACTOR OPTICAL CONNECTOR WITH THERMOPLASTIC  
ADHESIVEREQUEST TO CORRECT INVENTORSHIP UNDER 37 CFR § 1.48(a)

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## CERTIFICATE OF MAILING OR TRANSMISSION (37 CFR § 1.8(a))

I hereby certify that this correspondence is being:

deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at 571-273-2885.

2/27/06

Signed by: Gregg H. Rosenblatt

Dear Sir:

Applicant requests that Janet A. Kling be added as inventor in the above-identified application.

Also enclosed is:

Statement of Added Inventor Janet A. Kling Under 37 CFR § 1.48(a)(2);

Declaration and Power of Attorney executed by the actual inventors as required by 37 CFR § 1.48(a)(3);

Consent of Assignee to Change of Inventorship Under 37 CFR § 1.48(a)(5);

Statement under 3.73(b); and

Newly executed Assignment and Recordation Cover Sheet

Please charge the processing fee provided in 37 CFR § 1.17(i) and if necessary, charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723. One copy of this sheet marked duplicate is also enclosed.

2/27/06  
Date

Respectfully submitted,

By:

Gregg H. Rosenblatt, Reg. No. 45,056  
Telephone No.: 512-984-7443

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833



2006/05/27 03:18 PM 3M 5129842020

1/18 B\$

**FACSIMILE  
TRANSMITTAL  
FORM**

<b>FACSIMILE TRANSMITTAL FORM</b>	Application Number	10/811437
	Filing Date	March 26, 2004
	First Named Inventor	Hardcastle, David S.
	Art Unit	2883
	Examiner Name	Kianni, Kaveh C.
Fax: 571-273-2885	Attorney Docket Number	59100US002
Total Number of Pages in This Submission: 18		
Date: February 27, 2006	Attorney for Applicant: Gregg H. Rosenblatt	

**ENCLOSURES**  
(check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Amendment Transmittal	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s)	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Appeal Communication to Technology Center (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosures: Request to Correct Inventorship w/Duplicate Copy, Statement of Added Inventor, Declaration & Power of Attorney (2), Consent of Assignee, Statement Under 3.73(b), Copy of Assignment Signed by Original Named Inventors, and Assignment by Added Inventor with Recordation Cover Sheet and Duplicate Copy
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR § 1.52 or 1.53	<input type="checkbox"/> Request for Refund <input type="checkbox"/> Request for Continued Examination (RCE) Transmittal	
<input type="checkbox"/> Drawings	<input type="checkbox"/> After Allowance Communication to Technology Center	

**REMARKS:**

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